

## CLAIMS

What is claimed is:

- 1        1. A suspension strut unit comprising:
  - 2              a cylinder having an outside;
  - 3              a chamber provided on the outside of the cylinder;
  - 4              a spring collar having a sleeve section received in said chamber;
  - 5              a curable material at least partially filling said chamber so that said
  - 6        material, in a solid state, transmits a supporting force from the cylinder to the spring
  - 7        collar; and
  - 8              an isolating sleeve having a radial guide surface which contacts said
  - 9        sleeve section.
- 1        2. A suspension strut unit as in claim 1 wherein said isolating sleeve is  
2        made of plastic.
- 1        3. A suspension strut unit as in claim 1 further comprising a support  
2        ring which is permanently axially connected to the outside of the cylinder, said chamber  
3        being formed by said support ring.
- 1        4. A suspension strut unit as in claim 3 wherein said support ring  
2        comprises a sleeve and a floor, said sleeve section of said spring collar being received  
3        between said sleeve and said cylinder.

1               5.     A suspension strut unit as in claim 3 wherein said support ring has  
2     an opening for injecting said curable material.

1               6.     A suspension strut unit as in claim 3 wherein said isolating sleeve is  
2     located between the sleeve of the support ring and the sleeve section of the spring  
3     collar.

1               7.     A suspension strut unit as in claim 3 wherein said isolating sleeve is  
2     located between the cylinder and the sleeve section of the spring collar.

1               8.     A suspension unit as in claim 1 wherein said chamber is formed at  
2     least in part by said isolating sleeve.

1               9.     A suspension strut unit as in claim 8 wherein said isolating sleeve  
2     comprises a floor of said chamber.

1               10.    A suspension strut unit as in claim as in claim 9 wherein said  
2     isolating sleeve comprises a first isolating sleeve outside of said of said sleeve section,  
3     said unit further comprising a second isolating sleeve between said sleeve section and  
4     said cylinder.

1               11.    A suspension strut unit as in claim 1 wherein said cylinder has an  
2     axis, said radial guide surface having an axis which is at an acute angle to said axis of  
3     said cylinder.

- 1        12. A suspension unit as in claim 9 further comprising a fastening ring
- 2        which is connected non-rotatably to the isolating sleeve and the cylinder.